

Grenoble, France / 2006

Minatec Innovation Hub





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A SCIENTIFIC SHOWCASE, A CLUSTER MODEL

First European center of innovation in micro and nanotechnology, Minatec is located at the interface between the CEA and the Euro-pôle district, and gathers in one place students, researchers and industry. Real scientific showcase, its architecture integrates advanced techniques for air treatment and anti-vibration systems, adapted to the manipulation in the nanometer scale. Its modular ground plan is structured along two axes, the north-south axis welcomes buildings research and high technology, the east-west axis, the Polytechnic Institute and House of Micro and Nano technologies. The buildings are designed according to specific organizations for each function, but their facades, unit treatment, strengthen the coherence of the whole. Supporting solar collectors and hiding the technical, a metal mesh roof is the fifth façade, visible from the Belvedere of la Bastille. The aim of the new “Minatec Hub» is to link teaching and research, and industrial development around 4 facilities: an INPG and CIME teaching centre, a CEA (LETI), INPG, CNRS and UJF (Joseph Fourier University) research centre, an industrial development centre, and the Maison des Micro et Nanotechnologies (MMNT).



Client: Conseil Général de l'Isère | **Project:** Construction of a micro-technology and nanotechnology Innovation Hub in Grenoble | **Selection method:** Public commission | **Team:** Groupe-6 (lead consultant, architecture and quantity surveying) - Setec (structure, electricity) - Faure Ingénierie (clean rooms, fluids) - Adret (HEQ) | **Competition:** 2002 | **Delivery:** 2006 | **Net surface area:** 45,000 sqm | **Construction costs:** € 68.7 M excl. VAT (2003 value)

HEQ targets: integration into the site, management of rainwater, renewable energy

